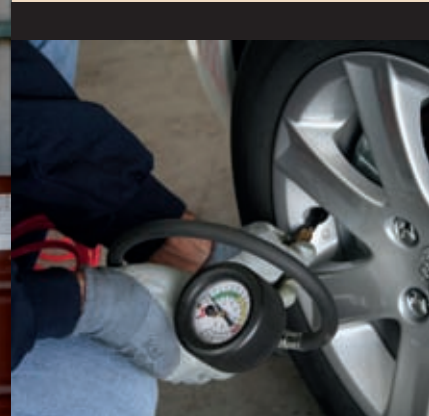
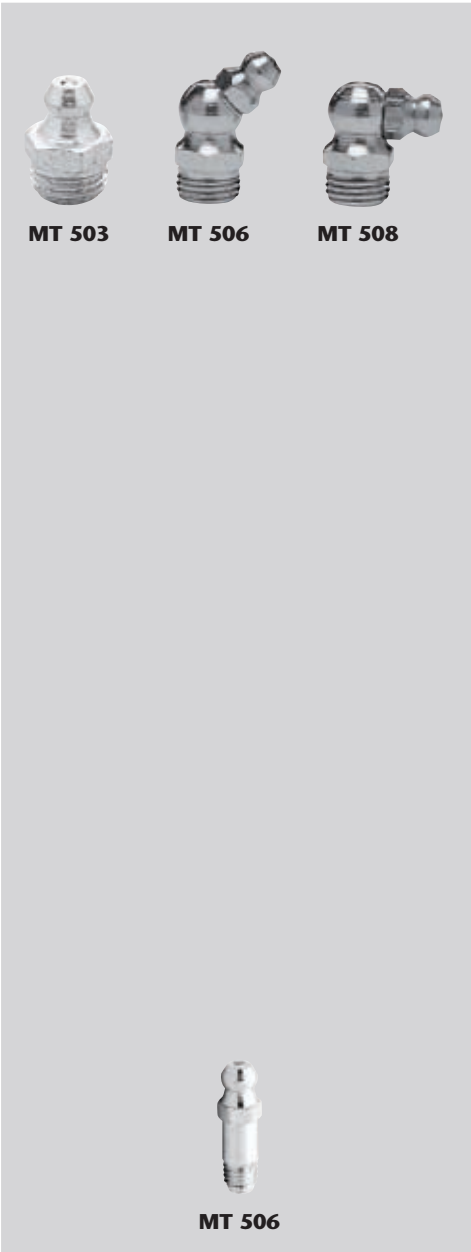


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GREASE NIPPLES



HYDRAULIC GREASE NIPPLES				
MT 503 STRAIGHT	MT 506 45° ANGLED	MT 508 90° ANGLED	THREAD	PITCH
011 060	013 060	015 060	Metric	M 6 x 1.00
011 100	013 100	015 100	Metric	M 7 x 1.00
011 140	013 140	015 140	Metric	M 8 x 1.00
011 160	013 160	015 160	Metric	M 8 x 1.25
011 180	013 180	015 180	Metric	M 9 x 1.00
011 220	013 220	015 220	Metric	M 10 x 1.00
011 240	013 240	015 240	Metric	M 10 x 1.25
011 260	013 260	015 260	Metric	M 10 x 1.50
011 280	013 280	015 280	Metric	M 12 x 1.00
011 300	013 300	015 300	Metric	M 12 x 1.25
011 320	013 320	015 320	Metric	M 12 x 1.50
011 340	013 340	015 340	Metric	M 12 x 1.75
011 600	013 600	015 600	BSP	1/8"
011 620	013 620	015 620	BSP	1/4"
011 500	013 500	015 500	SAE (UNF)	1/4" (x 28)
011 520	013 520	015 520	SAE (UNF)	5/16" (x 18)
011 540	013 540	015 540	SAE (UNF)	3/8" (x 16)
011 700	013 700	015 700	Whitworth	1/4"
011 720	013 720	015 720	Whitworth	5/16"
011 740	013 740	015 740	Whitworth	3/8"
011 900	013 900	015 900	NPT	1/8"
011 910	013 910	015 910	NPT	1/4"
011 930	N.A.	N.A.	No thread	P 6 mm
011 940	N.A.	N.A.	No thread	P 8 mm
011 950	N.A.	N.A.	No thread	P 10 mm

HYDRAULIC NIPPLES LONG	
MT 505	
012 020:	Hydraulic nipple, long - M 6 x 1.00.
012 220:	Hydraulic nipple, long - 1/4" SAE.



HYDRAULIC GREASE NIPPLES ASSORTMENT

050 001: Assortment of 140 hydraulic grease nipples. Includes straight, 45° and 90° type nipples with the most popular threads.

GREASE NIPPLES TYPE	M 6 x 1.00	M 8 x 1.25	M 10 x 1.00	1/8" BSP
STRAIGHT	25 units	25 units	15 units	15 units
45° ANGLED	10 units	10 units	5 units	5 units
90° ANGLED	10 units	10 units	5 units	5 units



BLISTER PACKED HYDRAULIC NIPPLES

- 051 060:** Includes 20 units of M 6 x 1.00 straight nipples.
- 051 160:** Includes 20 units of M 8 x 1.25 straight nipples.
- 051 220:** Includes 10 units of M 10 x 1.00 straight nipples.
- 051 260:** Includes 10 units of M 10 x 1.50 straight nipples.
- 051 600:** Includes 10 units of 1/8" BSP straight nipples.

- 052 060:** Includes 10 units of M 6 x 1.00, 5 units 45° and 5 units 90° angled nipples.
- 052 160:** Includes 10 units of M 8 x 1.00, 5 units 45° and 5 units 90° angled nipples.
- 052 220:** Includes 10 units of M 10 x 1.00, 5 units 45° and 5 units 90° angled nipples.
- 052 260:** Includes 10 units of M 10 x 1.50, 5 units 45° and 5 units 90° angled nipples.
- 052 600:** Includes 10 units 1/8" BSP, 5 units 45° and 5 units 90° angled nipples.

GREASE NIPPLES

FLUSH TYPE DRIVE OIL NIPPLES	
PART No.	DIAMETER
031 939	6 mm
031 949	8 mm
031 950	10 mm
031 960	12 mm



CONCAVE TYPE NIPPLES		
PART No.	THREAD	PITCH
032 060	Metric	M 6 x 1.00
032 160	Metric	M 8 x 1.20
032 220	Metric	M 10 x 1.00
032 260	Metric	M 10 x 1.50
032 600	BSP	1/8"
032 620	BSP	1/4"
032 740	Whitworth	3/8"
032 939	No thread	P 6 mm
032 949	No thread	P 8 mm
032 959	No thread	P 10 mm



15 mm HEXAGON HEAD NIPPLES					
PART No.	THREAD	PITCH	PART NO	THREAD	PITCH
021 060	Metric	M 6 x 1.00	021 340	Metric	M 12 x 1.75
021 100	Metric	M 7 x 1.00	021 380	Metric	M 14 x 2.00
021 140	Metric	M 8 x 1.00	021 600	BSP	1/8"
021 160	Metric	M 8 x 1.25	021 620	BSP	1/4"
021 220	Metric	M 10 x 1.00	021 500	SAE (UNF)	1/4" (x 28)
021 240	Metric	M 10 x 1.25	021 520	SAE (UNF)	5/16" (x 18)
021 260	Metric	M 10 x 1.50	021 540	SAE (UNF)	3/8" (x 16)
021 280	Metric	M 12 x 1.00	021 700	Whitworth	1/4"
021 300	Metric	M 12 x 1.25	021 720	Whitworth	5/16"
021 320	Metric	M 12 x 1.50	021 740	Whitworth	3/8"



DOUBLE HEXAGON AND ROUND HEAD NIPPLES				
PART No.	DIAMETER	THREAD	PITCH	REMARKS
022 160	16 mm	Metric	M 8 x 1.25	MT 153 - double hexagon 15 mm
022 220	16 mm	Metric	M 10 x 1.00	MT 153 - double hexagon 15 mm
022 260	16 mm	Metric	M 10 x 1.50	MT 153 - double hexagon 15 mm
022 600	16 mm	BSP	1/8"	MT 153 - double hexagon 15 mm
022 620	16 mm	BSP	1/4"	MT 153 - double hexagon 15 mm
023 220	16 mm	Metric	M 10 x 1.00	MT 156 - round head
023 600	16 mm	BSP	1/8"	MT 156 - round head
023 620	16 mm	BSP	1/4"	MT 156 - round head
023 640	16 mm	BSP	3/8"	MT 156 - round head
024 620	22 mm	BSP	1/4"	MT 157 - round head
024 640	22 mm	BSP	3/8"	MT 157 - round head
025 620	22 mm	BSP	1/4"	MT 930 - round head
025 640	22 mm	BSP	3/8"	MT 930 - round head



LEVER ACTION GREASE PUMPS

GENERAL INFORMATION

Lever grease pumps

All Samoa lever action grease pumps have the following features and benefits:

- Very robust, real heavy duty, cast iron head for maximum durability, pressure and flow delivered throughout the pump's entire life.
- Precision machined piston ensures leak free high pressure operation without requiring seals
- Heavy duty knurled barrel with large pitch threads for easy loading.
- Locking follower rod, heavy duty beveled follower and spring.
- Supplied ready to fill using various methods (cartridge, loader pump and suction).

101 200

100 900



500 CC LEVER ACTION GREASE PUMPS

Universal grease pumps to be used with 400 gr (14 oz) grease cartridges or with bulk grease. Bulk grease loading by suction or using a filler pump. Maximum working pressure: above 300 bar (4,400 psi).

101 202, 500 cc lever action grease pump

Individually boxed, grease pump includes filler valve 128 003.

101 200, 500 cc lever action grease pump

Individually boxed, grease pump includes filler valve 128 003 and rigid stem with a four jaw hydraulic connector (PN 710 214).

101 240, 500 cc lever action grease pump

Individually boxed, grease pump includes filler valve 128 003 and 300 mm single steel braided rubber hose with a four-jaw hydraulic connector (PN 137 031).

101 211, 500 cc lever action grease pump

Packed in Individual plastic bag, grease pump includes rigid stem with a four jaw hydraulic connector (PN 710 214).

500 CC LEVER ACTION GREASE PUMP WITH VARIABLE STROKE

100 900, 500 cc lever action grease pump with variable stroke

Heavy duty lever grease pump for use with bulk grease or 400 gr (14 oz) grease cartridges. Grease pump features variable stroke, which delivers high pressure on the short stroke and high volume on a full stroke. Includes heavy duty cast iron head with hardened piston, bleeder valve, filler nipple, removable check valve and barrel cap for cleaning, and 360° positionable outlet stem with four jaw hydraulic connector.

100 940, 500 cc lever action grease pump with variable stroke

Similar to PN 100 900 but includes a 300 mm single steel braided rubber hose with a four-jaw hydraulic connector (PN 137 031).

AIR OPERATED, BATTERY AND MANUAL HAND HELD GREASE PUMPS



106 200



500 CC PISTOL GRIP GREASE PUMPS

Pistol grip grease pump for hard to reach lubrication points. Three way loading: 400 gr (14 oz) cartridges, bulk grease suction or filler pump. Heavy duty cast iron head with precision fit piston. Maximum working pressure: above 250 bar (3,650 psi).

106 200 - 500 cc pistol grip grease pump

Individually boxed, grease pump includes filler valve 128 003 and straight rigid stem with a four jaw hydraulic type connector (PN 710 710).

106 240 - 500 cc pistol grip grease pump

Individually boxed, grease pump includes filler valve 128 003 and with 300 mm single steel braid reinforced outlet hose with a four-jaw hydraulic type connector (PN 137 031).

102 390



PUSH ACTION GREASE PUMP

102 390 Push action grease pump

One hand push gun with push on connector.

102 391 Push action grease pump

One hand push gun with hydraulic connector.

167 500 - 168 600



HAND HELD AIR OPERATED GREASE PUMPS

High pressure, 60:1 pressure ratio, air operated grease pumps. They can be connected to a compressed air line or to the air brake circuit of a commercial vehicle. Delivery: 1 cc each time the trigger is pressed. Maximum air pressure: 10 bar, Air connection thread 1/4" BSP (F).

167 500 - 1,000 cc air operated grease pump

Includes a 1,000 cc barrel with an air driven grease follower. Recommended for high viscosity grease and low temperatures. Supplied with 400 mm double steel braid reinforced outlet hose with 4 jaw connector (PN 141 040) and filler nipple. Bulk grease loading using a grease filler pump.

168 600 - 500 cc air operated grease pump

Includes a 500 cc barrel with a spring driven grease follower. Three way loading: 400 gr (14 oz) grease cartridges, bulk grease suction or with a grease filler pump. Supplied with filler nipple and 400 mm double steel braid reinforced outlet hose with four jaw connector (PN 141 040) and filler nipple.

168 601 - 500 cc air operated grease pump

Similar to model 168 600, includes rigid outlet stem with four jaw connector (PN 710 214).

160 000

BATTERY GREASE PUMPS

**160 000, 18 V battery grease pump**

For use with standard grease cartridges or bulk grease. High pressure delivery, up to 500 bar (7,200 psi) and 80 gr/min.

Supplied with two high capacity 18 V rechargeable NiMH batteries, 230 V quick battery charger, 1 m outlet hose with hydraulic coupler, bleeder valve and carrying strap. Pump is delivered in a heavy duty carrying case.

108 050



GREASE GUN FILLER PUMPS

For quick, clean and easy loading of hand, air or battery operated grease guns fitted with a filler valve. Each unit includes a medium pressure lever action pump with two loader fittings that fit the more popular filling valves (Ø 9 mm and Ø 12.5 mm), drum cover and follower disc.

108 000 Grease gun filler pump for 12, 18 kg kegs

Includes a 310 mm drum cover.

108 050 Grease gun filler pump for 20 kg kegs

Includes a 330 mm drum cover.

108 100 Grease gun filler pump for 50 kg drums

Includes a 405 mm drum cover.

108 502



FILLER PUMPS FOR CENTRALIZED GREASING UNITS

Medium pressure lever action pump with 1.5 m hose and a 2-HK (1/4") hydraulic connector for filling the reservoir of centralized greasing systems. Includes pump, cover, hose, and hydraulic connector.

108 501 Centralized greasing unit filler pump for 12, 18 kg kegs

Includes a 310 mm drum cover.

108 502 Centralized greasing unit filler pump for 20 kg kegs

Includes a 330 mm drum cover.

108 503 Centralized greasing unit filler pump for 50 kg drums

Includes a 405 mm drum cover.

128 003 - 128 005



FILLER VALVES AND LOADER FITTINGS

128 003 Grease gun filler valve, Ø 9 mm.

128 033 Grease gun filler valve, Ø 12 mm.

128 005 Grease loader fitting

For Ø 9 mm valve. 1/4" BSP (M)

128 004 Grease loader fitting

For Ø 12.5 mm valve. 1/4" BSP (M)

GREASE CONNECTORS AND NOZZLES



121 050 - 121 000



121 020 - 121 011



122 011



127 090



127 091



127 093



126 400



123 011



124 011



126 100



126 200



126 500

HIGH PRESSURE GREASE CONNECTORS

For use with air operated pumps or hand greasing units for hydraulic grease nipples (DIN 71412). Connector head, contact surface and jaws manufactured in hardened steel. Maximum working pressure: 500 bar. Connection thread: 1/8" BSP (F).

121 050, three-jaw high pressure grease connector
Ø 18 mm x L 43 mm.

121 000, three-jaw high pressure narrow grease connector
Ø 15 mm with check valve.

GREASE CONNECTORS

For use with greasing units for hydraulic grease nipples (DIN 71412). Connector head and jaws manufactured in hardened steel. Maximum working pressure: 500 bar. Connection thread: 1/8" BSP (F).

121 011, four-jaw high pressure grease connector
Ø 15 mm x L 37 mm.

121 020, four-jaw high pressure grease connector
Ø 15 mm x L 37 mm with check valve

121 041, three-jaw high pressure narrow connector
Ø 15 mm x L 37 mm.

HOOK ON SLIDE CONNECTORS

For use with hand operated units on button head nipples. Recommended working pressure: 150 bar.

122 011 Giant hook on grease connector

For Ø 22 mm button head nipples.

127 090 Slide on connector

127 091 Hook on connector

127 093 Knuckle jointed slide on connector

GREASE CONNECTORS AND NOZZLES

For use with hand operated grease guns only. Connection thread: 1/8" BSP (F).

124 011 Grease zerk nozzle
For Zerk grease nipples DIN 3402.

123 011 Grease cupped nozzles
For concave type nipples DIN 3405.

123 001 Giant cupped nozzle
Dispenses a fine line of grease.

126 000 Grease needle nozzle
With retractable safety sleeve.

126 200 Seal off adaptor
For lubrication holes, spindles, U joints.

126 500 Needle nose adaptor
For hard to reach greasing points.

126 400, 90° Swivelling adaptor
For use with flexible hoses 1/8" BSP (MF).

126 100 Quick connect adaptor
For Ø 15 mm hydraulic connectors.

GREASE HOSES AND STEMS

SINGLE STEEL BRAID GREASE OUTLET HOSES (Ø 13 MM)

Single steel braid reinforced safety rubber hoses for use with hand operated greasing equipment. Maximum working pressure: 360 bar (4,350 psi). Minimum burst pressure: 900 bar (12,850 psi). 1/8" BSP (M) threads.



137 021	Steel braid reinforced outlet hose with four-jaw connector	250 mm
137 031	Steel braid reinforced outlet hose with four-jaw connector	300 mm
137 041	Steel braid reinforced outlet hose with four-jaw connector	400 mm
137 051	Steel braid reinforced outlet hose with four-jaw connector	450 mm
137 201	Steel braid reinforced outlet hose with four-jaw connector	2.000 mm



136 021	Steel braid reinforced outlet hose	250 mm
136 031	Steel braid reinforced outlet hose	300 mm
136 041	Steel braid reinforced outlet hose	400 mm
136 051	Steel braid reinforced outlet hose	450 mm
136 201	Steel braid reinforced outlet hose	2,000 mm

DOUBLE STEEL BRAID GREASE OUTLET HOSES (Ø 13 MM)

Double steel braid safety rubber hoses for use with air operated greasing equipment. Maximum working pressure: 500 bar (7,250 psi). Minimum burst pressure: 1,650 bar (24,000 psi). 1/8" BSP (M) threads.



141 020	Double steel braid outlet hose with four-jaw connector	250 mm
141 030	Double steel braid outlet hose with four-jaw connector	300 mm
141 040	Double steel braid outlet hose with four-jaw connector	400 mm
141 050	Double steel braid outlet hose with four-jaw connector	450 mm
141 200	Double steel braid outlet hose with four-jaw connector	2,000 mm



140 020	Double steel braid reinforced outlet hose	250 mm
140 030	Double steel braid reinforced outlet hose	300 mm
140 040	Double steel braid reinforced outlet hose	400 mm
140 050	Double steel braid reinforced outlet hose	450 mm
140 200	Double steel braid reinforced outlet hose	2,000 mm

NYLON BRAID HOSES POLYAMIDE COATED

Working pressure : 400 bar. Burst pressure: 900 bar

130 021	9" Hose. 1/8" BSP male both ends	
130 031	12" Hose. 1/8" BSP male both ends	
130 041	18" Hose. 1/8" BSP male both ends	
130 061	24" Hose. 1/8" BSP male both ends	
139 150	Snap-on hose and connector assemble. 1.5 m hose 1/8" BSP male both ends	

GREASE STEMS



710 214	Angled rigid stem with four-jaw connector
710 710	Straight rigid stem with four-jaw connector
710 659	Positionable angled rigid stem with four-jaw connector with check valve
710 297	Straight rigid stem with cupped nozzle
710 298	Straight rigid stem with zerk nozzle
710 215	Angled rigid stem only

GREASE COMPRESSORS AND BUCKET PUMPS



151 102

150 000

320 400



HIGH PRESSURE GREASE PUMPS

High pressure steel pumps to be mounted directly onto original grease kegs. Maximum pressure: 350 bar (5,000 psi). Delivery per stroke 2 cc.

Pump equipped with carrying handle, cover with pump adaptor, follower disc and 1.5 m high pressure hose with rigid stem and four-jaw hydraulic connector.

151 100 High pressure grease pump for 12.5 to 18 kg kegs

Includes a 310 mm drum cover.

151 102 High pressure grease pump for 20 kg kegs

Includes a 330 mm drum cover.

BUCKET PUMPS

Bucket pumps include a 16 litre leak proof, all steel oval shaped bucket with carrying handle and foot rest for easy handling and stability.

150 000 Multipressure grease bucket pump 16 kg

Heavy duty high capacity grease pump with three alternative lever positions, which can be used under any operating conditions and with all type of lubricants (winter / summer, high or low viscosity grease, oil). Maximum pressure range between 175 to 350 bar (2,500 to 5,000 psi) with a delivery of 20 gr, 15 gr or 10 gr per stroke depending on the position of the lever chosen. Pump includes 1.5 m high pressure hose with a three-jaw hydraulic connector (PN 715 429).

320 400 Oil bucket pump 16 litres

For dispensing high viscosity lubricants. Includes a medium pressure lever action pump (100 cc delivery per stroke) with a 1.5 m rubber hose with shut off valve and 135° angled nozzle.

PEDAL ACTION GREASE PUMP 5 kg

157 000

157 000 Pedal action grease pump

Pedal action heavy-duty grease pump. Spring primed follower plate and cast iron pump mechanism ensures that the pump can be used even with extremely viscous grease. Maximum pressure: 500 bar (7,150 psi).

Delivery per pedal stroke: 2 gr.

Steel leak proof reservoir, can hold up to 5 kg of grease. Includes air bleeder valve and 2 m high pressure grease hose with a four jaw hydraulic connector with check valve.

